

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #66—October 6, 2008

Work Completed: September 25 - October 1, 2008

- Continued removing soil and sediment from Mid-Channel Area A and Removal Area 13B.
- Continued removing soil and sediment within the Phase 2 Cofferdam.
- Continued post-excavation activities in Removal Area 11A.
- Began post-excavation activities in Removal Area 12A.
- Continued site preparation activities to facilitate removal of sediment behind the Phase 2 Cofferdam.
- Continued soil/sediment solidification activities at Staging Areas 4N and 5S.
- Continued loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste C&C Landfill and Ottawa County Farms Landfill.
- Began loading and transporting solidified soil/sediment TSCA material from Staging Area 5S to EQ Wayne County Disposal Facility.
- Began realignment of steel sheeting in Mid-Channel A. Wing wall sections will be removed and re-driven to encompass the northern half of the mid-channel.
- Continued operation of the WCS.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	280	8	2,835	81
2008 Total	12,600	360	48,860	1,396
Project Total to Date	15,610	446	84,875	2,425

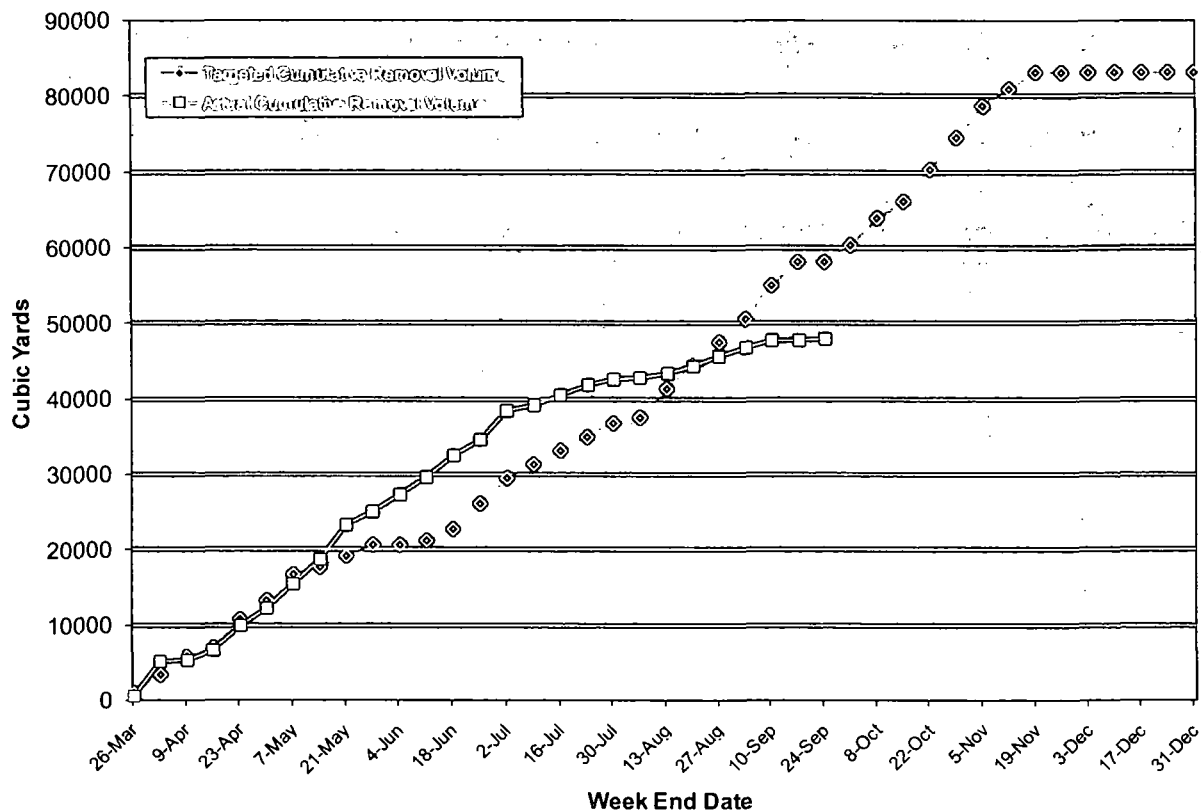
Note: All values are unofficial, estimated quantities, subject to revision/verification.



Work Planned: October 1 - October 8, 2008

- Continue removing soil and sediment from Mid-Channel Area A.
- Complete removing soil and sediment from Removal Area 13B.
- Continue site preparation activities to facilitate removal of material behind the Phase 2 Cofferdam.
- Continue removing soil and sediment within the Phase 2 Cofferdam area.
- Continue post-excavation activities in Removal Areas 11A and 12A.
- Continue soil/sediment solidification activities at Staging Areas 4N and 5S.
- Continue loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continue loading and transporting solidified soil/sediment TSCA material from Staging Area 5S to EQ Wayne County Disposal Facility.
- Complete the installation of a resuspension control system for the northern half of Mid-Channel A and Removal Area 13A.
- Continue operation of the WCS.

Removal Progress

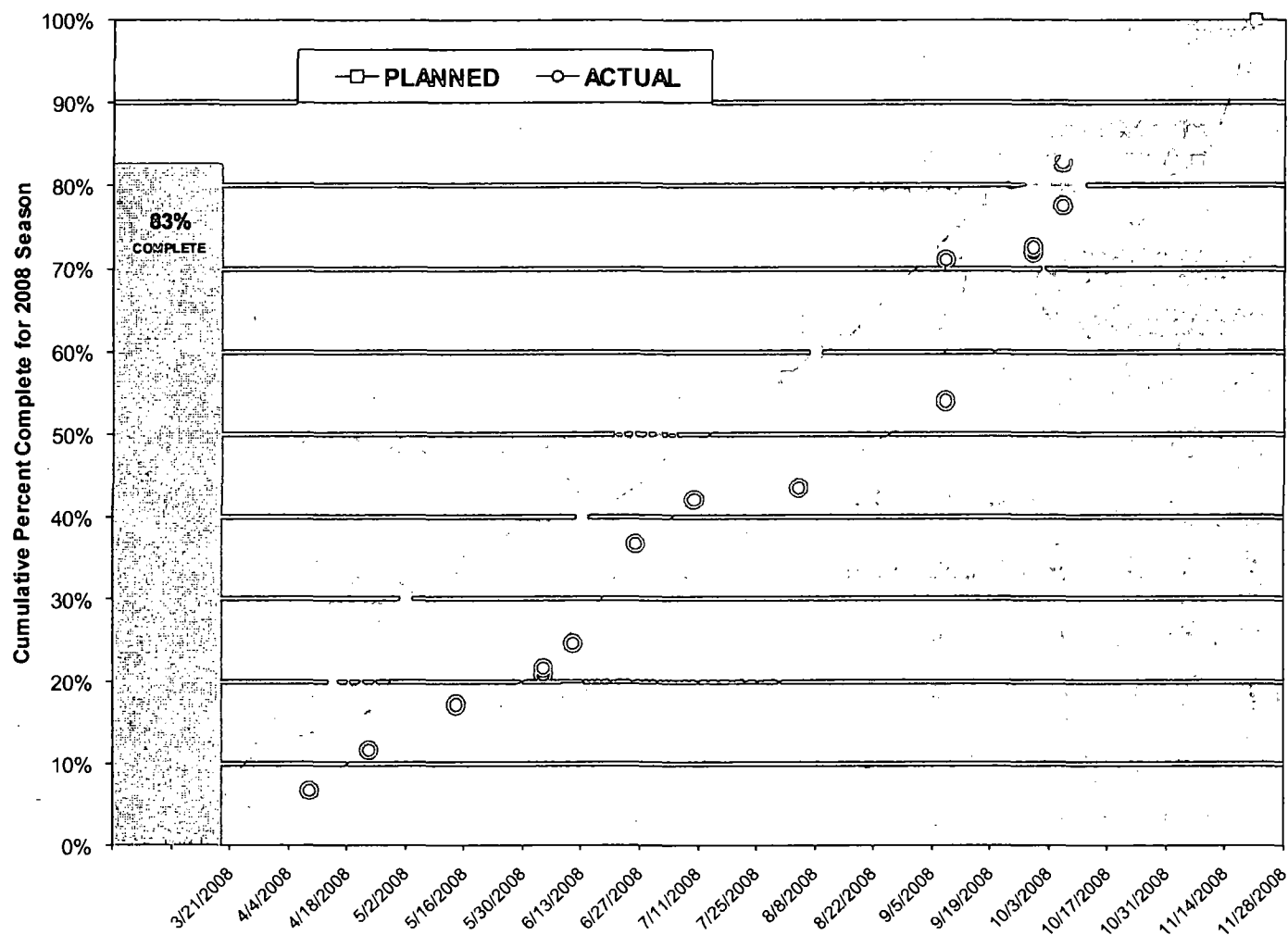


Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBL ES 4/30/07 Plainwell TCRA Construction Schedule.

Removal Progress



Notes:

For Areas where removal is less than 100% complete, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell TCRA Design Report.

Health & Safety Update

- 5 Loss Prevention Observations (LPOs) were completed during this period.
A total of 225 LPOs have been completed for the project to date.

Weather Summary

- River elevations have returned to normal operating levels.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 0 gallons (Staging Area 4N) and 41,017 gallons (Staging Area 5S)

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ in Removal Area 13B

Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

- None.

Equipment on Site

Equipment	9/25/08	9/26/08	9/27/08	9/28/08	9/29/08	9/30/08	10/1/08
Komatsu PC-300 Excavator	4	4	4	4	4	4	4
Komatsu PC-300 HD Long Reach	2	2	2	2	2	2	2
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
FAVCO 40-ton Crane	1	1	1	1	1	1	1
40' Self Propelled Work Barge	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	-	-
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	1	1	1	1	1	1	1
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

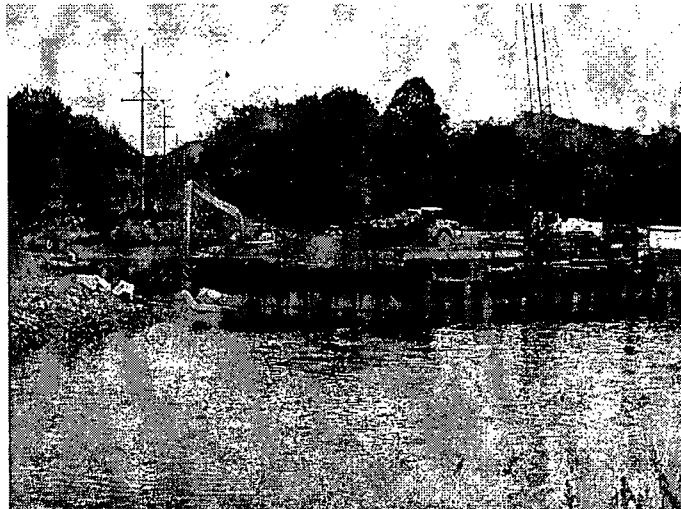
Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	9/25/08	9/26/08	9/27/08	9/28/08	9/29/08	9/30/08	10/1/08
Terra Contracting Staff	20	20	15		20	20	20
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Steven Ells/USEPA							
Mike Ribordy/USEPA OSC							X
Karl Gustavson/US ARMY ERDC							
Paul Bucholtz/MDEQ							
John Bradley/MDEQ							
Judith Gapp/MDEQ							
Todd Goeks/NOAA							
John Lerg/MDNR							
Sharon Hanshue/MDNR							
Chris Frieburger/MDNR							
Weston Contractors	X	X			X	X	X
CDM Contractors					X	X	X
Chase Fortenberry/KRSG							
Mark Brown/KRSG							
Paul Monteny/KRSG							
Eric Schmidt/KRSG							
Mark Stevenson/ARCADIS	X						
Steve Garbaciak/ARCADIS	X						
Mike Erickson/ARCADIS							
Scott Marcus/ARCADIS					X	X	X
Steve Montagna/ARCADIS	X						
Matt Bowman/ARCADIS							
EJ Suardini/ARCADIS	X	X			X	X	X
Mike Kohagen/ARCADIS					X	X	X
Michelle Rumler/ARCADIS	X	X	X		X	X	X
Joe Willoughby/ARCADIS					X	X	X
Ben Lawrence/ARCADIS	X	X	X		X	X	X
Jamie Beaver/ARCADIS	X						
Adam Chwalibog/ARCADIS	X						
Nick Harmer/ARCADIS	X	X	X		X	X	X
<i>Other Subcontractors (Specify)</i>							
King Co.	4	4	4		4	4	4
JF New							

Photos from September 25 - October 1, 2008



Loading solidified material for transportation and disposal at Staging Area 5S.



Installing a temporary bridge to facilitate removal of sediment within the Phase 2 Cofferdam area.

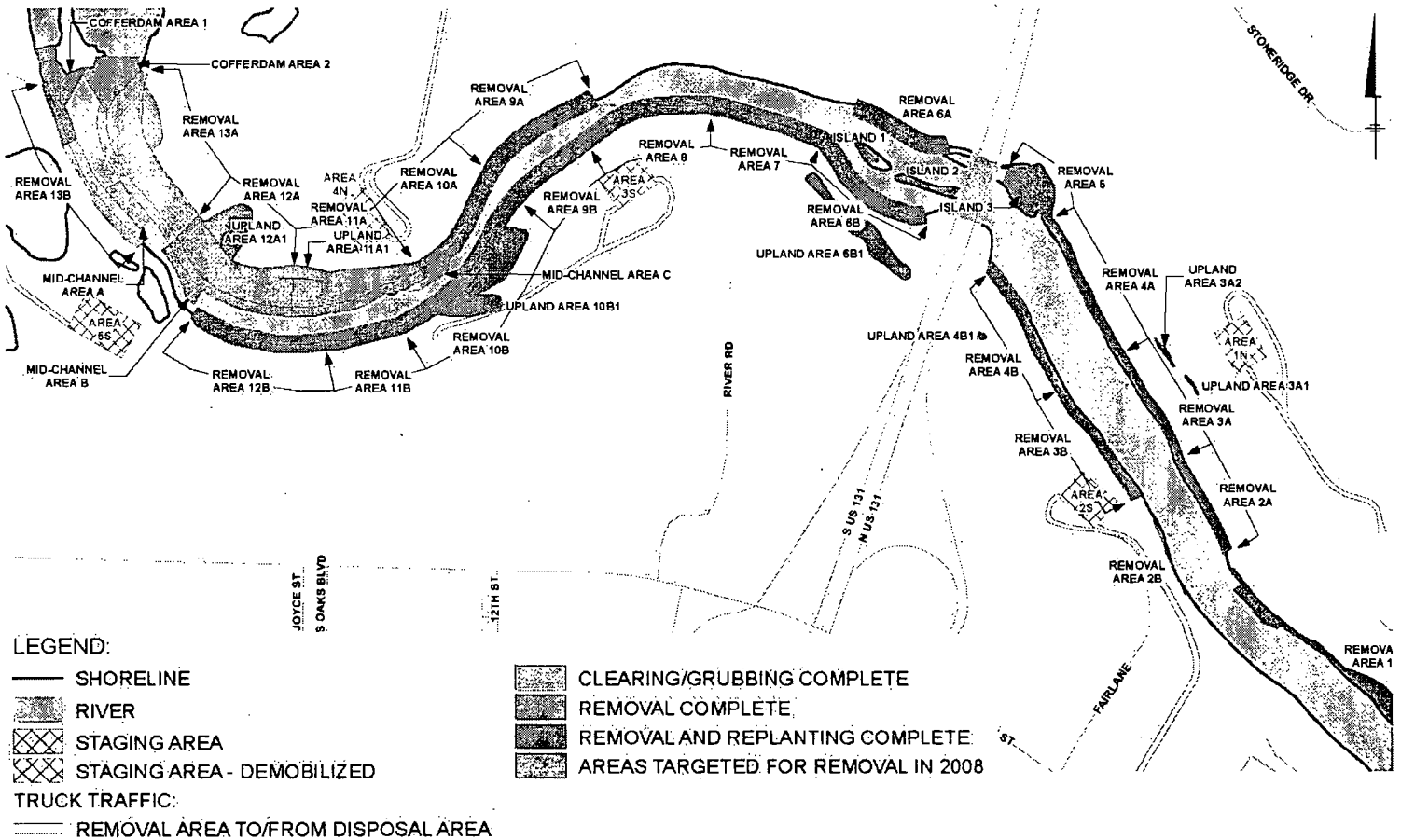


Removing soil and sediment within the Phase 2 Cofferdam area.



Installing topsoil in Removal Area 12A.

Targeted Removal Areas – Former Plainwell Impoundment



Notes:

Additional planting in 'Removal and Replanting Complete' areas may be necessary in 2008.

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.